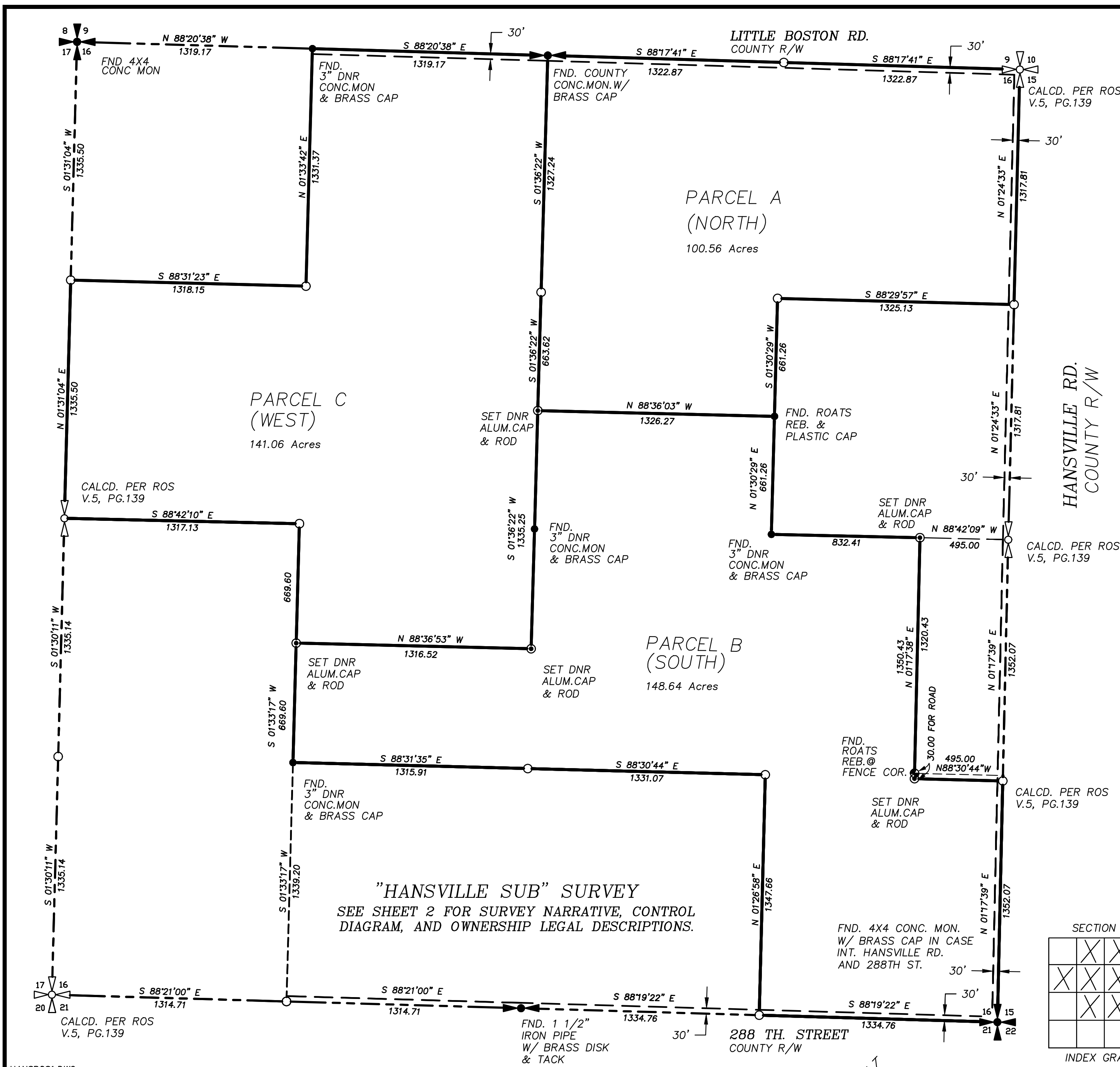


PRELIMINARY TO RECORDING



BASIS OF MERIDIAN AND SURVEY SPECIFICATIONS

—BEARINGS SHOWN HEREON ARE RELATED TO THE 1991 ADJUSTMENT OF THE WASHINGTON COORDINATE SYSTEM, NORTH ZONE, DATUM OF 1983 (WCS GRID). CONVERGENCE, OR DIFFERENCE BETWEEN GRID AND GEODETIC NORTH IS  $-1^{\circ} 16' 47.5''$  AT THE SOUTH  $1/4$  COR.

—WCS GRID MERIDIAN IS DERIVED FROM GLOBAL POSITIONING SYSTEM (GPS) TIES TO THE FOLLOWING WASHINGTON STATE DEPARTMENT OF TRANSPORTATION GEOGRAPHIC REFERENCE NETWORK STATIONS: (US.FEET)

STATION ID	NORTHINGS	EASTINGS
3714	317592.947	1204989.193
146	295076.142	1231971.797
155	338733.850	1220290.577

—WASHINGTON COORDINATE SYSTEM (WCS) GRID POSITIONS FOR SECONDARY CONTROL POINTS ESTABLISHED IN THE VICINITY OF THE PROJECT WERE DERIVED VIA GPS OBSERVATIONS AT THE AFORE MENTIONED GPS CONTROL STATIONS. THREE TRIMBLE 5700 GPS RECEIVERS AND STATIC DIFFERENTIAL POSITIONING TECHNIQUES WERE USED. WCS GRID POSITIONS FOR THESE STATIONS FOLLOW: (US. FEET)

POINT DESIGNATION	NORTHINGS	EASTINGS
6365	305327.004	1218357.441
6366	305234.362	1220435.484
6367	310778.650	1215681.191
6368	310763.343	1216232.374

MEAN ELEV. 174.0 FT.  
CONVERGENCE=  $-1^{\circ} 16' 47.5''$  @ S/4  
SCALE FACTOR= 0.99995534  
ELEV. FACTOR= 0.99999523  
COMB. GRID. FAC.= 0.99995057  
METER TO FEET CONVERSION: 1M = 39.37 IN.  
(RCW 58.20.190)

PROCEDURES

—THE GPS CONTROL PORTION OF THIS SURVEY IS IN COMPLIANCE WITH THE FEDERAL GEODETIC CONTROL COMMITTEE'S "GEOMETRIC GEODETIC ACCURACY STANDARDS AND SPECIFICATIONS FOR USING GPS RELATIVE POSITIONING TECHNIQUES", VERSION 5.0, REPRINTED WITH CORRECTIONS AUGUST 1, 1989.

—CONTROL TRAVERSES WERE RUN USING CONVENTIONAL FIELD METHODS. THESE TRAVERSES WERE EITHER CLOSED LOOPS OR CLOSED ON PREVIOUSLY KNOWN POSITIONS AND HAVE MET OR EXCEEDED THE STANDARDS ESTABLISHED IN WAC 332-130-090.

EQUIPMENT

—THREE TRIMBLE 5700 GLOBAL POSITIONING SYSTEM RECEIVERS.

—TOPCON GTS-603 ELECTRONIC THEODOLITE WITH COAXIAL ELECTRONIC DISTANCE METER. EDM EQUIPMENT WAS CALIBRATED IN FEB. 2004 AT THE NGS BASELINE AT PORT ANGELES, WASHINGTON.

SCALE: 1"=400 FEET

0 200 400 800

W.C.S., NORTH ZONE, NAD'83/1991

#### LEGEND

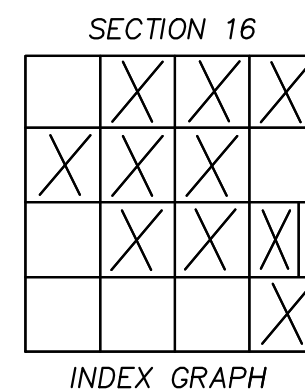
STANDARD DNR MONUMENTS ARE AS DESCRIBED BELOW UNLESS OTHERWISE NOTED IN THE INDIVIDUAL CORNER NOTES:

— SET  $3/4$ " DIAMETER ALUMINUM ROD 30" IN LENGTH WITH MAGNETIC BREAK-AWAY BASE. ROD IS CAPPED WITH  $3/4$ " DIAMETER ALUMINUM CAP WITH MAGNET STAMPED PER THE 1973 MANUAL OF SURVEY INSTRUCTIONS.

ALL MONUMENTS SHOWN FOUND OR SET WERE VISITED IN SEPTEMBER 2004.

#### CORNER SYMBOLS:

	FOUND OR ACCEPTED.
	CALCULATED - SET.
	CALCULATED - NOT SET.



HANSROS1.DWG

#### AUDITOR'S CERTIFICATE

FILED FOR RECORD THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2004  
AT \_\_\_\_\_ M. IN BOOK \_\_\_\_\_ OF SURVEYS AT PAGE \_\_\_\_\_  
AT THE REQUEST OF THE WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES.

KITSAP COUNTY AUDITOR

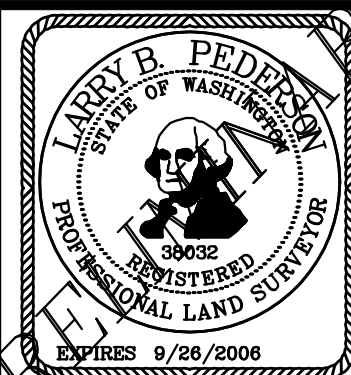
AUDITOR'S FILE NUMBER

#### SURVEYOR'S CERTIFICATE

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH THE REQUIREMENTS OF THE SURVEY RECORDING ACT AT THE REQUEST OF THE WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES  
IN \_\_\_\_\_ SEPTEMBER \_\_\_\_\_, 2004.

LARRY B. PEDERSON, PLS

38032  
CERTIFICATE NUMBER



A SURVEY IN SECTION 16  
TOWNSHIP 27 NORTH, RANGE 2 EAST, W.M.

STATE OF WASHINGTON  
DEPARTMENT OF NATURAL RESOURCES

LAND SURVEY SECTION—P.O. BOX 47060  
OLYMPIA, WASHINGTON 98504-7060 (360)902-1206

FIELD CREW: PEDERSON, GASCHÉ  
ANGELO & HEURING

FIELD BOOK: \_\_\_\_\_  
CALC'D. BY: HAZLITT  
DRAWN BY: LARRY PEDERSON, PLS  
CHECKED BY: LARRY PEDERSON, PLS

SHEET 1 OF 2  
F.M.# 1422